FLIGHT SUMMARY REPORT

Flight Number: 02-644
Calendar/Julian Date: 23 July 2002 • 204
Sensor Package: Wild-Heerbrugg RC-10
Airborne Visible/Infrared Imaging Spectrometer (AVIRIS)
Area(s) Covered: Sierra Nevada
Cuprite, NV; Jasper Ridge, CA
Investigator(s): Dozier, UC Santa Barbara
Green, JPL

Aircraft #: 806

SENSOR DATA

Accession #: 05696
Sensor ID #: 034 099
Sensor Type: RC-10 AVIRIS
Focal Length: 12”
304.66 mm
Film Type: Aerochrome IR
SO-134
Filtration: Wratten 12
Spectral Band: 510-900nm
f Stop: 11
Shutter Speed: 1/350
# of Frames: 74
% Overlap: 60%
Quality: Very Good
Remarks: Nav recorder failed
<table>
<thead>
<tr>
<th>Check Points</th>
<th>Frame Numbers</th>
<th>Time (GMT-hr, min, sec)</th>
<th>Altitude, MSL feet/ meters</th>
<th>Cloud Cover/ Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>A - B</td>
<td>0484-0500</td>
<td>19:04:49 19:12:28</td>
<td>41000/12500</td>
<td>Minor-20% cumulus frames 0493-0498</td>
</tr>
<tr>
<td>C - D</td>
<td>0501-0519</td>
<td>19:17:14 19:25:26</td>
<td>41000/12500</td>
<td>10-20% cumulus frames 0513-0515</td>
</tr>
<tr>
<td>E - F</td>
<td>0520-0530</td>
<td>19:32:32 19:36:55</td>
<td>41000/12500</td>
<td>Minor-10% cumulus frames 0520-0521</td>
</tr>
<tr>
<td>G - H</td>
<td>0531-0537</td>
<td>19:59:08 20:01:36</td>
<td>41000/12500</td>
<td>Clear</td>
</tr>
<tr>
<td>I - J</td>
<td>0538-0544</td>
<td>20:05:26 20:07:54</td>
<td>41000/12500</td>
<td>Clear</td>
</tr>
<tr>
<td>M - N</td>
<td>0552-0557</td>
<td>20:52:05 20:54:05</td>
<td>65000/19820</td>
<td>Minor cumulus frames 0555-0557</td>
</tr>
</tbody>
</table>

Note: Emulsion damage frames 0512, 0524 0528, 0530, 0531, 0534, 0535, 0541